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Form (Rev. 2/01)

UNITED STATES

Docket No.: 1793,1078

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENCODING APPARATUS AND METHOD, AND DECODING APPARAMES, AND METHOD FOR ERROR CORRECTION the specification of which is attached hereto, unless the following box is checked:

Was filed on 21 No. 2003 as United States Application Number or PCT International Application Number 10/717,919and was amended on (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the amendment referred to above. application on which priority is claimed. **Priority NQI** Prior Foreign Application(s) Claimed 28 November 2002 Rep. of Korea 2002-74639 Day/Month/Year Filed (Country) (Number) Day/Month/Year Filed (Country) (Number) I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filling date of the prior contribution and the application are application and the application and the application are application and the application and the application and the application and the application are application and the application and the application and the application are application and the application are application and the application and the application are appl application and the national or PCT International filling date of this application. (Status - patented, pending, abandoned) (Filing Date) (Application Serial No.) (Status - patented, pending, abandoned) (Filing Date) (Application Serial No.) I hereby appoint the attorneys and agents of Stees & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: PATENT TRADEMARK OFFICE I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are

believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Ki-hyun Kim Full name of sole or first inventor Date 27 April Inventor's Signature Rep. Residence Gyeonagi-do, Rep. of Korea Citizenship Bundang-gu, Gumi Mailing Address 103-1103 Mujiqae Maeul Daerim Apt Gyeonggi-do, Republic of Korea In-sik Park Full name of second inventor, Date Inventor's Signature Rep. of Korea Residence Gyeonggi do Citizenship Rep. Youngtong 2-dong Paldal-qu 967-2 Malling Address 615-801 Shinnamushil Kukdong Suwon-si, Gyeonggi-do, Republic of Korea Additional inventors are being named on separately numbered sheets attached hereto.

Form (Rev. 2/01)

UNITED STATES

Docket No.:	1793,1078

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION Jae-seong Shim Full name of third inventor ___ Inventor's Signature Jae - Seon 9 Date 27 April 2004 Rep. of Korea Residence Seoul, Rep. of Korea Citizenship_ Malling Address 610-35 Jayang 1-dong, Gwangjin-gu, Seoul, Republic of Korea Full name of fourth inventor __Sung-hyu_Han_ _ Date _____ 27 April 2004 Inventor's Signature _ Citizenship Rep. of Korea Residence Seoul, Rep. Mailing Address 102-1006 Family 1-danji Apt., Munjeong 2-dong, Songpa-gu, Seoul, Republic of Korea Full name of fifth Inventor _____ _____ Date Inventor's Signature_____ _ Citizenship __ Residence Mailing Address Full name of sixth inventor _____ _ Date . Inventor's Signature ___ Citizenship _ Residence Mailing Address ___ Full name of seventh inventor __ Date Inventor's Signature_ Citizenship ___ Residence _ Mailing Address __ Full name of eighth inventor _____ ______ Date . Inventor's Signature _ _ Citizenship _ Residence _ Mailing Address _ Full name of ninth inventor

Date _

Citizenship _

Residence _____ Malling Address _

Inventor's Signature____